

# Comparisons of Job Characteristics

**Focus Occupation:** [First-Line Supervisors of Farming, Fishing, and Forestry Workers \(45-1011\)](#)

**Associated Occupation:** [Farm, Ranch, and Other Agricultural Managers \(11-9011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 71

**Focus Occupation:** First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)

**Associated Occupation:** Farm, Ranch, and Other Agricultural Managers (11-9011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Biology	3.7	15.2	8.0	<<	Extensive education and/or training may be required
Administration and Management	8.4	15.0	11.2	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	13.1	3.4	<<	Extensive education and/or training may be required
Production and Processing	6.0	13.0	9.9	<<	Extensive education and/or training may be required
Food Production	2.1	12.9	6.5	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	11.9	5.6	<<	Extensive education and/or training may be required
Chemistry	4.8	11.4	7.0	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	11.2	8.1	<<	Extensive education and/or training may be required
Transportation	4.6	8.6	6.8	<	Expanded education and/or training may be required
Geography	3.9	8.3	4.2	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 88

**Focus Occupation:** First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)

**Associated Occupation:** Farm, Ranch, and Other Agricultural Managers (11-9011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Monitoring	9.9	11.8	13.1	>	Skill level is likely sufficient
Management of Personnel Resources	6.9	11.6	12.3	0	Current skill level may be sufficient
Time Management	8.9	11.2	12.2	0	Current skill level may be sufficient
Negotiation	6.8	9.8	8.6	<	A higher skill level may be required
Management of Financial Resources	3.3	8.1	8.5	0	Current skill level may be sufficient
Management of Material Resources	3.7	7.9	8.8	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 91			
Focus Occupation: First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011) Associated Occupation: Farm, Ranch, and Other Agricultural Managers (11-9011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	14.3	12.9	<	Some improvement in abilities may be required
Oral Comprehension	12.5	14.2	13.0	0	Current ability level may be sufficient
Problem Sensitivity	11.1	12.9	13.1	0	Current ability level may be sufficient
Written Expression	9.8	12.4	10.1	<	Some improvement in abilities may be required
Category Flexibility	9.0	10.1	9.6	0	Current ability level may be sufficient
Fluency of Ideas	7.6	9.2	8.4	0	Current ability level may be sufficient
Originality	7.6	9.2	7.7	<	Some improvement in abilities may be required
Number Facility	6.3	8.5	8.7	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 89	
Focus Occupation: First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011) Associated Occupation: Farm, Ranch, and Other Agricultural Managers (11-9011)			
Work Activities		Exclusivity of Activity	
Assign work to staff or employees		30	
Conduct or attend staff meetings		47	
Develop budgets		56	
Direct and coordinate activities of workers or staff		3	

Direct workers in planting, irrigating, cultivating, harvesting, or marketing	92
Evaluate performance of employees or contract personnel	54
Hire, discharge, transfer, or promote workers	47
Identify crop characteristics	75
Identify fruit or vegetable or crops ready for harvest	87
Inspect crops or fields	87
Inspect crops to determine quality	89
Judge soil conditions	77
Maintain or repair farm vehicles, machinery, or mechanical implements	81
Monitor number or type of fish reared or harvested	95
Negotiate business contracts	60
Observe fish or beds or ponds	95
Observe plants, flowers, shrubs or trees to ascertain condition	87
Order or purchase supplies, materials, or equipment	35
Orient new employees	59
Perform safety inspections in agricultural, forestry, or fishing setting	77
Plan development or production of hybrid plant varieties	95
Plant, cultivate, or harvest crops, including aquaculture	80
Prepare reports	8
Recognize plant diseases	72
Resolve agricultural production problems	84
Use fish culturing techniques	89

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 89

**Focus Occupation: First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)**  
**Associated Occupation: Farm, Ranch, and Other Agricultural Managers (11-9011)**

Tools and Technologies	Exclusivity
Agricultural machinery for harvesting	35
Agricultural machinery for planting and seeding	33
Agricultural machinery for soil preparation	35
Audio and visual equipment	4
Business function specific software	1
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Dispersing and spraying appliances for agriculture	26
Earth moving machinery	11
Finance accounting and enterprise resource planning ERP software	2
Forming tools	2
Garden tools	12

Heavy equipment components	21
Information exchange software	1
Lifting equipment and accessories	3
Network applications software	1
Poultry and livestock equipment	33
Power tools	2
Product and material transport vehicles	13
Specialized and recreational vehicles	17
Syringes and accessories	14
Veterinary equipment	40
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.